

## Patent Abstracts of Japan

PUBLICATION NUMBER : 01278345  
PUBLICATION DATE : 08-11-89

APPLICATION DATE : 30-04-88  
APPLICATION NUMBER : 63108526

APPLICANT : TORAY IND INC;

INVENTOR : SASAKI KIKUJI;

INT.CL. : B32B 27/28

TITLE : FILM FOR PRINT LAMINATE

ABSTRACT : PURPOSE: To manufacture a film for laminate of superior gloss and without curling by providing a biaxial oriented polypropylene film layer on one surface of a polyolefin group layer, laminating a thermal adhesion polymer layer containing specific volumes of a specific ethylenepropylene block copolymer and ethylene(meth) acryl ester copolymer on the other surface and making the outer surface specified surface roughness.

CONSTITUTION: A laminate film consists of three layers, layer A(/slash) layer B/ layer C. The layer A is a biaxially oriented polypropylene film layer, the layer B is a polyolefin group film layer and the layer C is a thermoplastic adhesion polymer layer constituted of a mixture of 10~45wt.% of an ethylene propylene block copolymer containing 15~45wt.% of ethylene component, and 55~90wt.% of an ethylene acryl ester copolymer or an ethylene (meth)acryl ester copolymer containing 75~95wt.% of ethylene component, and the surface roughness Ra of the layer C is 0.15~0.75 $\mu$ m. A film for print laminate of superior gloss properties and heat resistance is manufactured, and its print-laminate paper never gets curling nor peel-off of adhesion by the solded heat plate iron treatment.

COPYRIGHT: (C)1989,JPO&Japio